



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D2230-1
Job Sheet 171070



Part No: D2230-1

Job Qty: 100 ea

Part Name: Mounting Lug



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/26/18

Job Tracking No:

Due Date: 2/28/18

Created By: Diane Baker

Type: Stock

Description:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Purchasing	100 pcs		2/27/18	0.00	0.00	Purchasing		AT 18/01/01
120	Packaging	100 pcs		2/27/18	0.00	0.00	Packaging2		AT 18/02/01
130	QC	100 pcs		2/27/18	0.00	0.00	QC6		38
140	HandFinish	100 pcs		2/27/18	0.00	0.87	HandFinish1		9-89
150	QC	100 pcs		2/27/18	0.00	0.00	QC7		
160	Powdercoat	100 pcs		2/28/18	0.00	0.93	Powdercoat1		
170	QC	100 pcs		2/28/18	0.00	0.00	QC3		
180	Packaging	100 pcs		2/28/18	0.00	0.00	Packaging3		
190	QC21-SA	100 Ea		2/28/18	0.00	0.00	QC21		

Part Op 110 - Issue P/O to Metec : 10035584
Descriptions: 120 - Ensure C of C is attach
160 - START TIME: _____

JAN 26 2018

FEB 05 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2230-1P	Lug	100 pcs (1 ea) 10	110-Purchasing	
D2423	Lug Extrusion	6.8300 ft (.0683 ea) -683	110-Purchasing	160522

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Purchasing	D2230-1P	100	0	0
	D2423	7	829	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Mounting Lug	4.450Inches ± 0.010	4.460 4.440		
2	Mounting Lug	0.306Inches ± 0.010	0.316 0.296		
3	Mounting Lug	0.345Inches ± 0.010	0.355 0.335		
4	Mounting Lug	0.400Inches ± 0.010	0.410 0.390		
5	Mounting Lug	0.250Inches ± 0.010	0.260		

DART
AEROSPACE
S038181



Mounting Lug

PART NO: D2230-1
Original Serial #: S038181
Revision:
Operation:
Change No:

Purchasing

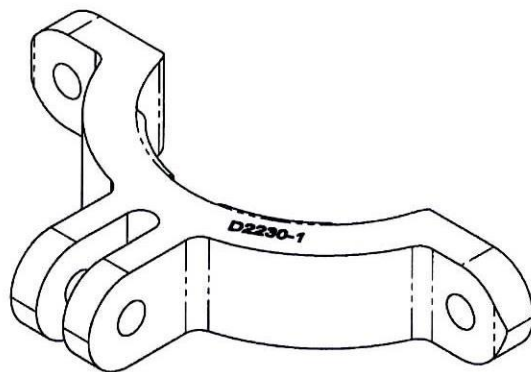
Mfg Date: 02/01/18
Job No: 171070

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

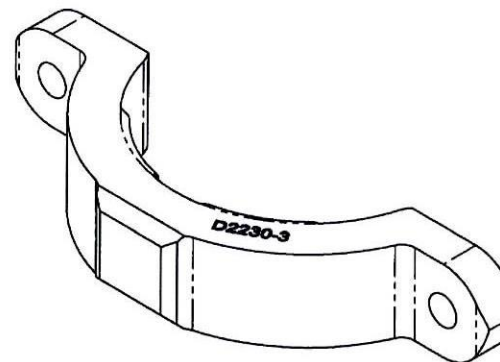
			0.240	
6	Mounting Lug	3.700Inches ± 0.010	3.710 3.690	
7	Mounting Lug	0.750Inches ± 0.010	0.760 0.740	
8	Mounting Lug	0.257Inches + 0.005 - 0.000	0.262 0.257	Diameter
9	Mounting Lug	1.910Inches ± 0.010	1.920 1.900	
10	Mounting Lug	1.200Inches ± 0.010	1.210 1.190	Radius
11	Mounting Lug	0.375Inches ± 0.010	0.385 0.365	
12	Mounting Lug	0.273Inches ± 0.010	0.283 0.263	

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D2230-1 MOUNTING LUG



D2230-3 MOUNTING LUG

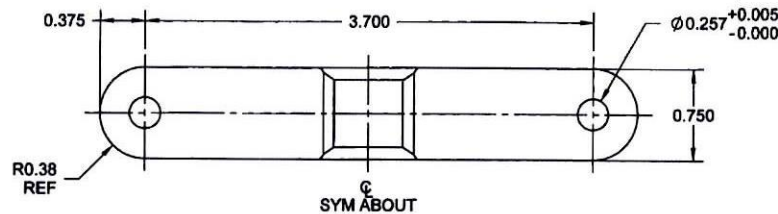
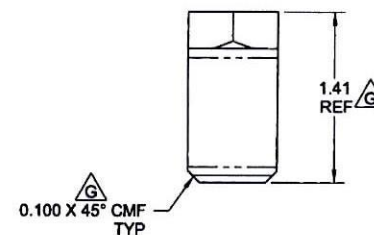
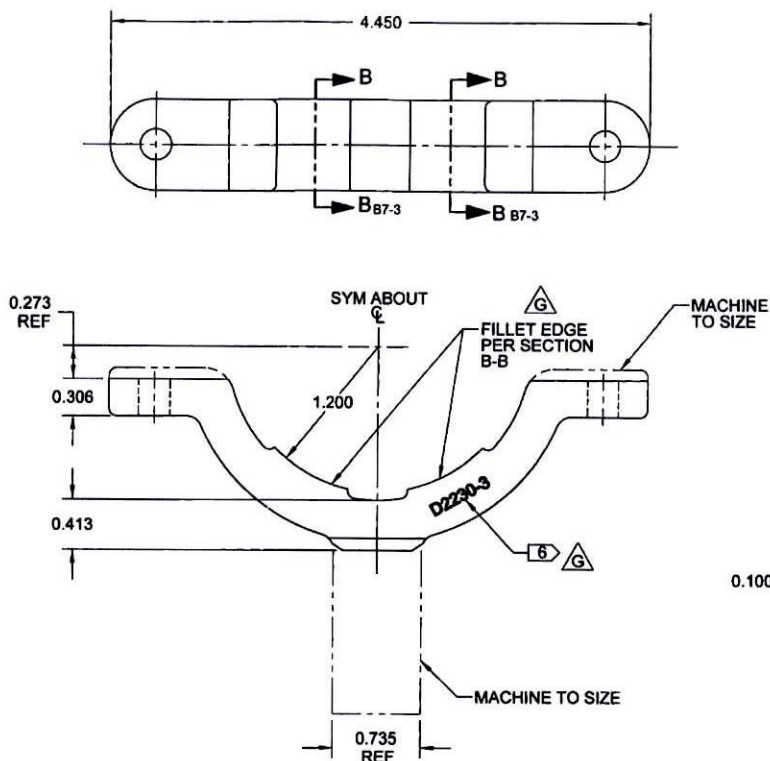
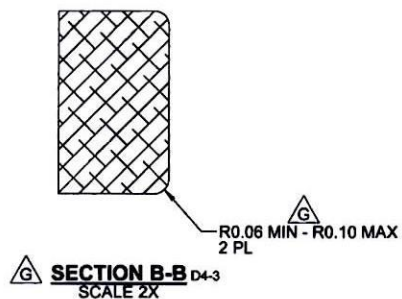
RELEASED
09/01/16



NOTES:

- 1) MATERIAL: MAKE FROM D2423 EXTRUSION
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE PART NUMBER TO A DEPTH OF 0.010 ± 0.005 IN THIS LOCATION, WITH TOOL TIP RADIUS OF 0.015 ± 0.005.
- 7) WEIGHT: -1: 0.16 lbs
-3: 0.14 lbs

G	REDRAWN IN SOLIDWORKS TO CURRENT DESIGN STANDARDS. REFER TO SECTION A-A & B-B FILLET ADDED TO PREVENT CHAFING OF RUBBER CUSHION ON INSTALLATION.	AJS	09.01.16
F	REDESIGN; R1.200 WAS 1.100	CP	99.12.13
E	RE-DESIGN	BW	95.01.04
D	RE-DESIGN	BW	95.01.04
C	RE-DESIGN	BW	94.03.30
REV.	DESCRIPTION	BY	DATE
DESIGN	BW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D2230 MOUNTING LUG COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. UNLESS SUPPLIED ON THE EXPRESSED CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.		REV. G SHEET 1 OF 3 SCALE NTS	
DATE	09.01.16		



D2230-3 MOUNTING LUG

RELEASED
09/06/23 M

DESIGN	BW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	A/S		
CHECKED		DRAWING NO. D2230	REV. G SHEET 3 OF 3
MFG. APPR.		TITLE MOUNTING LUG	SCALE NTS
APPROVED		COPYRIGHT © 1984 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON OR ENTITY WITHOUT PERMISSION FROM DART AEROSPACE LTD.	
DE APPR.			
DATE	09.01.16		



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038884

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038884

PO Date: 1/26/18

Due Date: 2/2/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Baker, Diane
Phone: dbaker@dartaero.com

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

conf
E-MAILED
JAN 29 2018

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	D2230-3P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI005	Firmed	2/2/18	160 pcs ✓	0 pcs 160	160 pcs	\$13.80/pcs	\$2,208.00 AT 18/01/31
Line Item Note job# 170990											
2	D3235-1P			Lug As Per Dwg D3235 Rev. A Alodine and Paint as per QS 1005	Firmed	2/2/18	42 pcs ✓	0 pcs 42x	42 pcs	\$15.00/pcs	\$630.00 AT 18/01/31
Line Item Note job# 170998											
3	D2230-1P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI 005	Firmed	2/2/18	10 pcs ✓	0 pcs 10x	10 pcs	\$16.10/pcs	\$161.00 AT 18/01/31
4	D3910-1P			Crosstube Lug As Per Dwg D3910 Rev. E Alodine and Paint as pe QSI 005	Firmed	2/2/18	20 pcs ✓	0 pcs 20x	20 pcs	\$16.10/pcs	\$322.00 AT 18/01/31
Line Item Note job# 171073											
5	D3910-3P			Crosstube Lug As Per Dwg D3910 Rev. E Alodine and Paint as Per QSI 005	Firmed	2/2/18	35 pcs ✓	0 pcs 35x	35 pcs	\$16.10/pcs	\$563.50 AT 18/01/31
Line Item Note job# 171074											
6	D3910-7P			Crosstube Lug As Per Dwg. D3910 Rev. E Alodine and Paint as Per QSI 005	Firmed	2/2/18	20 pcs ✓	0 pcs 20x	20 pcs	\$16.10/pcs	\$322.00 AT 18/01/31
Line Item Note job# 171075											



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PURCHASE ORDER PO038884

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	D2230-3P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI005	Firmed	2/23/18	80 pcs	0 pcs	80 pcs	\$13.80/pcs	\$1,104.00
Line Item Note job# 171142											
8	D3235-1P			Lug As Per Dwg D3235 Rev. A Alodine and Paint as per QS I005	Firmed	2/23/18	58 pcs	0 pcs	58 pcs	\$15.00/pcs	\$870.00
Line Item Note job# 171144											
9	D2230-1P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI 005	Firmed	2/23/18	90 pcs	0 pcs	90 pcs	\$16.10/pcs	\$1,449.00
Line Item Note job# 171145											
										Grand Total:	\$7,629.50

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

CS
P.B.

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20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>P.O. NUMBER</u>
160	D2230-3	Mounting Lug Paint Batch # 21567 / Material Batch # 160522	38884
42	D3235-1	Mounting Lug Paint Batch # 21566 / Material Batch # 160522	38884
10	D2230-1	Mounting Lug Paint Batch # 21597 / Material Batch # 160522	38884
35	D3910-3	Crosstube Lug Paint Batch # 21207 / Material Batch # 160522	38884
20	D3910-7	Crosstube Lug Paint Batch # 20366 / Material Batch # 131451	38884
20	D3910-1	Crosstube Lug Paint Batch #21566 / Material Batch # 160522	38884

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, January 29, 2018